



FIREBIRD

ANALYTICAL SOLUTIONS & TECHNOLOGIES

CY 2022 Greenhouse Gas Emissions

Firebird Analytical Solutions and Technologies, Inc (Firebird) measured and established a baseline of our greenhouse gas emissions for Calendar Year 2022 for all facilities leased and controlled by the company.

Firebird's GHG emissions report provides measurement of our Scope 1 and Scope 2 emissions, as well as our Scope 3 emissions for CY 2022. Firebird attests that the Scope 1, 2 and 3 GHG emissions were calculated in accordance with the GHG Protocol Corporate Accounting and Reporting Standard.

In calendar year 2022, Firebird's Scope 1 and 2 emissions measured approximately 1.92 metric tons CO₂e. Its Scope 3 emissions measured approximately 3.4669 metric tons CO₂e. The entirety of Firebird's emissions are from the electricity used in the facilities we lease, which is commercial office space, and from employee business travel and commuting.

Reduction Targets

Firebird is committed to further reduce our greenhouse gas emissions and our impact on the climate and will establish annual reduction targets beginning in 2023. We believe that establishing and meeting these short and mid-term goals will enable us to achieve a reduction in our emissions to net-zero by or before 2030.



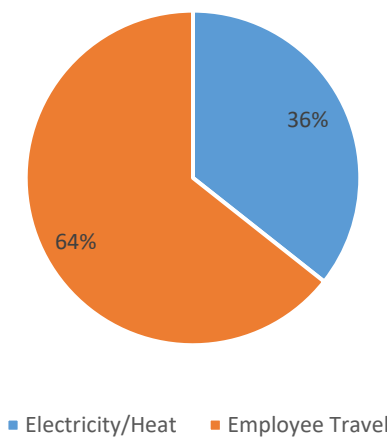
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2022 GHG Emissions Data

GHG Characteristics	
Facility Location(s):	Arlington, VA; Carlsbad, CA
Facility Type:	Commercial Office Space
Analysis Year:	2022
Total Facilities:	2
Estimated GHG Emissions:	5.39 metric tons CO ₂ e
Main sources of GHG emissions:	Electric usage; employee travel

2022 GHG Emissions by Category





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2022 Analysis Year Emissions

Greenhouse Gas (GHG)	Scope 1	Scope 2	Scope 3
Carbon dioxide (CO2)	0	1.923229885	3.4669
Methane (CH4)	0	0.000123408	13.4
Nitrous oxide (N2O)	0	1.56448E-05	30.651
Hydrofluorocarbons (HFCs)	0	0	0
Perfluorocarbons (PFCs)	0	0	0
Sulfur hexafluoride (SF6)	0	0	0
Nitrogen trifluoride (NF3)	0	0	0
Total CO2e Tons	0	1.92	3.4669

Greenhouse Gas (GHG)	Purchased Elec L1	Purchased Heat L1	Purchased Elec L2	Purchased Heat L2
Carbon dioxide (CO2)	0.869893206	0.291962288	0.506756117	0.254618274
Methane (CH4)	7.8408E-05	5.50208E-06	3.46998E-05	4.79832E-06
Nitrous oxide (N2O)	1.05324E-05	5.50208E-07	4.08233E-06	4.79832E-07
Hydrofluorocarbons (HFCs)	0	0	0	0
Perfluorocarbons (PFCs)	0	0	0	0
Sulfur hexafluoride (SF6)	0	0	0	0
Nitrogen trifluoride (NF3)	0	0	0	0

Greenhouse Gas (GHG)	Business Travel	Employee Commutes
Carbon dioxide (CO2)	2.7888	0.6781
Methane (CH4)	1.008	12.392
Nitrous oxide (N2O)	8.904	21.747
Hydrofluorocarbons (HFCs)	0	0
Perfluorocarbons (PFCs)	0	0
Sulfur hexafluoride (SF6)	0	0
Nitrogen trifluoride (NF3)	0	0